

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major, Operating

Permit: F-08-011

Weyerhaeuser Company

Henderson, KY 42420

June 5, 2008

Luis D. Fuentes, Reviewer

SOURCE ID: 21-101-000117

AGENCY INTEREST: 5506

ACTIVITY: APE20080001

SOURCE DESCRIPTION:

The Henderson Mill produces recycled linerboard and corrugating medium from old corrugated container furnish via a twin-wire paper machine. The Mill consists of a stock preparation area, paper machine, roll winding, warehouse, effluent mixing/ surge pond, and miscellaneous storage tanks storing various process chemicals.

The Henderson Mill is located in an attainment area for all regulated pollutants, and its operations are not covered on the list of 28 defined in Prevention of Significant Deterioration of Air Quality (PSD) source categories. The potential emissions of all pollutants are well under 250 tpy (94.6 tpy of nitrogen oxides (NO_x), 79.1 tpy of carbon monoxide (CO), and 50.4 tons per year (tpy) of volatile organic compounds (VOC)); as such, the Mill is an existing minor source under the PSD program.

The current permit contains emissions limitations and recordkeeping requirements that limit emissions of NO_x to 98 tpy, VOC to 90 tpy, individual hazardous air pollutants (HAPs) to 9 tpy, and combined HAPs to 22.5 tpy. These limitations ensure that the Mill will remain a conditional major source for all pollutants.

PUBLIC AND U.S. EPA REVIEW:

On April 10, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Gleaner* in Henderson, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA and affected states on April 8, 2008 via e-mail. The public comment period expired 30 days from the date of publication.

Comments were received Weyerhaeuser Company on May 16, 2008. Minor changes were made to the permit as a result of the comments received; however, in no case were any emissions standards, or any monitoring, recordkeeping or reporting requirements relaxed.